

Single Integrated Metadata Structure (SIMS)

Country: Greece

Compiling agency: ELSTAT

Domain name: ANNUAL SURVEY ON STEEL

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2. Introduction

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The survey on Steel is conducted by means of transmitting electronically the questionnaires to the enterprises of the Steel industry, which are obliged to fill in and return these questionnaires to the Section of Manufacture, Research and Technology Statistics of ELSTAT, within three months from the date of their transmission.

Once received, the questionnaires undergo all the necessary checks and the data are tabulated.

The survey is a census survey and it is conducted on a yearly basis.

3. Metadata update

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3.1 Metadata last certified	NOVEMBER 2014
3.2 Metadata last posted	NOVEMBER 2014
3.3 Metadata last update	NOVEMBER 2014

4. Statistical presentation

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4.1 Data description

The Section of Manufacture, Research and Technology Statistics collects data from the enterprises of the steel industry, pertaining to the:

1. Balance sheet of steel and cast iron scrap
2. Consumption of Fuel and Energy
3. Balance sheet for electric energy
4. Expenditure and Investment in the Iron and Steel Industry
5. Maximum capacity of the Iron and Steel Industry

The data refer to Greece total.

4.2 Classification system

Nace Rev.2

4.3 Sector coverage

The sector of Steel and Iron (24.5, Nace Rev.2)

4.4 Statistical concepts and definitions

The basic variables of the survey are:

- Opening and closing stocks
- Products manufactured in the plant
- Receipts of scrap from domestic sources, EU countries and third countries
- Total consumption (blast furnaces and electric iron making furnaces)
- Waste Scrap
- Consumption of solid and liquid fuels, gas by blast furnaces, furnaces and converters and of natural gas
- Gas deliveries

- Resources from gross output
- Electricity consumption in blast furnaces, in electric furnaces of cast iron, in electric melting shops and continuous casting, in rolling mills and finally in power stations
- Fuel deliveries outside the plant
- Investment in coke, cast iron, ferro-alloys and crude steel
- Products obtained by hot rolling (flat and long products)
- Products obtained by cold rolling
- Products covered
- Investment expenditure on acquisition of material goods (coke, iron, ferro-alloys) or plants (melting steel works, rolling mills)
- Actual output of the plant, during the reference year
- Maximum potential capacity, of the plant during the reference year

The data refer to Greece total.

4.5 Statistical unit

The statistical unit is the factory manufacturing cast iron and steel products or products classified in the sector 24.5 of Nace Rev.2 .

4.6 Statistical population

The survey covers all the steel industries manufacturing cast iron and steel products or products classified in the sector 24.5 of Nace Rev.2 .

4.7 Reference area

Greece total.

4.8 Time coverage

The survey is conducted on yearly basis and it was first conducted in 2002. From 2003 onwards the survey results are published on the internet.

4.9 Base period

Not applicable

5. Unit of measure

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The variable "Balance sheet of steel and cast iron scrap" is measured in tonnes; "Consumption of Fuel and Energy» is measured in tonnes and Gigajoules; "Balance sheet for electric energy" is measured in megawatts (MWh); "Expenditure and Investment" is measured in thousand euros and "Maximum capacity" is measured in thousand tonnes.

6. Reference period

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The reference period of the survey is one calendar year.

7. Institutional mandate

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7.1 Legal acts and other agreements

The legal framework concerning the organization and operation of ELSTAT is as follows:

- **Law 3832/2010** (Government Gazette No 38, Issue A): *"Hellenic Statistical System Establishment of the Hellenic Statistical Authority (ELSTAT) as an Independent Authority"*, as amended by article 90 paragraphs 8 and 9 of the Law 3842/2010 (Government Gazette No 58, Issue A): *"Restoration of fiscal justice, confrontation of tax evasion and other provisions"*, by article 10 of the Law 3899/2010 (Government Gazette No 212, Issue A): *"Urgent measures for the implementation of the assistance program of the Greek Economy"*, by article 45 of the Law 3943/2011 (Government Gazette No 66, Issue A): *"Combating tax evasion, staffing of auditing services and other provisions falling within the competence of the Ministry of Finance"*, by article 22 paragraph 1 of the Law 3965/2011 (Government Gazette No 113, Issue A): *"Operations Reform of the Consignment and Loan Fund, Public Debt Management Agency, Public Enterprises and Government bodies, the establishment of the General Secretary of Public Property and other provisions"*, by article first of the Law 4047/2012 (Government Gazette No 31, Issue A): *"Ratification of the Act of Legislative Content "Very urgent measures for the implementation of the Medium-term Fiscal Strategy 2012-2015 and of the State Budget for 2011" and of the Act of Legislative Content "Regulation of very urgent issues for the implementation of law 4024/2011 "Pension provisions, uniform pay scale - grading system, labour reserve and other provisions for the implementation of the Medium-term Fiscal Strategy Framework 2012-2015" and of issues falling within the competence of the Ministries of Administrative Reform and E-Governance, Interior, Finance, Environment, Energy and Climate Change, and of Education, Lifelong Learning and Religious Affairs and related to the implementation of the Medium-term Fiscal Strategy Framework 2012-2015" and other provisions"*, by article 323 of the Law 4072/2012 (Government Gazette No 86, Issue A): *"Improvement of the business environment New corporate form - Trade Marks - Realtors - Regulating maritime, port and fishing matters and other provisions"* and by article 7 paragraph 1 of the Act of Legislative Content dated 18/11/2012 (Government Gazette No 228, Issue A): *"Financial rules and other provisions"*, by Article 93 of the Law 4182/2013 (Government Gazette No 185, Issue A): *"Code of charitable estate, inheritances in abeyance and other provisions"*, by Article 6 paragraph 8 of the Law 4244/2014 (Government Gazette 60, Issue A): *"Integration in Greek law of the Council Directive 2013/1/EU of 20 December 2012 amending Directive 93/109/EC as regards certain detailed arrangements for the exercise of the right to vote and stand as a candidate in elections to the European Parliament for citizens of the Union residing in a Member State of which they are not nationals and amendment of law 2196/1994 (A' 41) and other provisions"*, by Article first subparagraph C.3 of the Law 4254/2014 (Government Gazette No 85, Issue A): *"Measures for the support and development of the Greek economy, in the context of the implementation of Law 4046/2012, and other provisions of law"* and by Article 33, paragraphs 5a and 5b of the Law 4258/2014 (Government Gazette No 94, Issue A): *"Demarcation process and arrangements of matters for streams - arrangements of Urban Planning legislation and other provisions"*.
- **Regulation on the Operation and Administration of the Hellenic Statistical Authority** (ELSTAT), 2012, (Government Gazette No 2390, Issue B, 28-8-2012)
- **Regulation (EC) No 223/2009 of the European Parliament and of the Council**, on the European statistics (Official Journal of the European Union L 87/164).
- **Article 14 of the Law 3470/2006** (Government Gazette No 132, Issue A): *"National Export Council, tax regulations and other provisions"*.
- **Article 3, paragraph 1c, of the Law 3448/2006** (Government Gazette No 57, Issue A): *"For the further use of information coming from the public sector and the settlement of matters falling within the responsibility of the Ministry of Interior, Public Administration and Decentralization"*.
- **European Statistics Code of Practice**, adopted by the Statistical Programme Committee on 24 February 2005 and promulgated in the Commission Recommendation of 25 May 2005 on the independence, integrity and accountability of the national and Community statistical Authorities, after its revision, which was adopted on 28 September 2011 by the European Statistical System Committee.
- **Presidential Decree 226/2000** (Government Gazette No 195, Issue A): *"Organization of the General Secretariat of the National Statistical Service of Greece"*.

Articles 4, 12 , 13, 14, 15 and 16 of the Law 2392/1996 (Government Gazette No 60, Issue A): "Access of the General Secretariat of the National Statistical Service of Greece to administrative sources and administrative files, Statistical Confidentiality Committee, settlement of matters concerning the conduct of censuses and statistical works, as well as of matters of the General Secretariat of the National Statistical Service of Greece".

Moreover, the survey is conducted pursuant to Regulation (EC) No 48/2004 of the European Parliament and of the Council of 5 December 2003 on the production of annual Community statistics on the steel industry

7.2 Data sharing

Not applicable.

8. Confidentiality

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8.1 Confidentiality policy

The issues concerning the observance of statistical confidentiality by the Hellenic Statistical Authority (ELSTAT) are arranged by articles 7, 8 and 9 of the Law 3832/2010 as in force, by Articles 8, 10 and 11(2) of the Regulation on Statistical Obligations of the agencies of the Hellenic Statistical System and by Articles 10 and 15 of the Regulation on the Operation and Administration of ELSTAT.

More precisely:

ELSTAT disseminates the statistics in compliance with the statistical principles of the European Statistics Code of Practice and in particular with the principle of statistical confidentiality.

8.2 Confidentiality – data treatment

- ELSTAT protects and does not disseminate data it has obtained or it has access to, which enable the direct or indirect identification of the statistical units that have provided them by the disclosure of individual information directly received for statistical purposes or indirectly supplied from administrative or other sources. ELSTAT takes all appropriate preventive measures so as to render impossible the identification of individual statistical units by technical or other means that might reasonably be used by a third party. Statistical data that could potentially enable the identification of the statistical unit are disseminated by ELSTAT if and only if:
 - a) these data have been treated, as it is specifically set out in the Regulation on Statistical Obligations of the agencies of the Hellenic Statistical System (ELSS), in such a way that their dissemination does not prejudice statistical confidentiality or
 - b) the statistical unit has given its consent, without any reservations, for the disclosure of data.
- The confidential data that are transmitted by ELSS agencies to ELSTAT are used exclusively for statistical purposes and the only persons who have the right to have access to these data are the personnel engaged in this task and appointed by an act of the President of ELSTAT.
- ELSTAT may grant researchers conducting statistical analyses for scientific purposes access to data that enable the indirect identification of the statistical units concerned. The access is granted provided the following conditions are satisfied:
 - a) an appropriate request together with a detailed research proposal in conformity with current scientific standards have been submitted;
 - b) the research proposal indicates in sufficient detail the set of data to be accessed, the methods of analyzing them, and the time needed for the research;
 - c) a contract specifying the conditions for access, the obligations of the researchers, the measures for respecting the confidentiality of statistical data and the sanctions in case of breach of these obligations has been signed by the individual researcher, by his/her institution, or by the

organization commissioning the research, as the case may be, and by ELSTAT.

- Issues referring to the observance of statistical confidentiality are examined by the Statistical Confidentiality Committee (SCC) operating in ELSTAT. The responsibilities of this Committee are to make recommendations to the President of ELSTAT on:
 - the level of detail at which statistical data can be disseminated, so as the identification, either directly or indirectly, of the surveyed statistical unit is not possible;
 - the anonymization criteria for the microdata provided to users;
 - the granting to researchers access to confidential data for scientific purposes.
- The staff of ELSTAT, under any employment status, as well as the temporary survey workers who are employed for the collection of statistical data in statistical surveys conducted by ELSTAT, who acquire access by any means to confidential data, are bound by the principle of confidentiality and must use these data exclusively for the statistical purposes of ELSTAT. After the termination of their term of office, they are not allowed to use these data for any purpose.
- Violation of data confidentiality and/or statistical confidentiality by any civil servant or employee of ELSTAT constitutes the disciplinary offence of violation of duty and may be punished with the penalty of final dismissal.
- ELSTAT, by its decision, may impose a penalty amounting from ten thousand (10,000) up to two hundred thousand (200,000) euros to anyone who violates the confidentiality of data and/or statistical confidentiality. The penalty is always imposed after the hearing of the defense of the person liable for the breach, depending on the gravity and the repercussions of the violation. Any relapse constitutes an aggravating factor for the assessment of the administrative sanction.

9. Release policy

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9.1 Release calendar

No press release.

9.2 Release calendar access

Not applicable.

9.3 User access

The data are released concomitantly to all users through the tables which are posted on the webpage of ELSTAT (<http://www.statistics.gr>) and at the link "Statistical Themes > Industry > Manufacturing > Steel statistics

Furthermore, the tables are made available after a relevant request to:

Division of Statistical Information and Publications

Library / Section of Dissemination of Statistical Information:

Pireos 46 & Eponiton Street, GR 18510, Piraeus

Tel: (+30) 213 135 2023, 2022, 2346

Fax: (+30) 213 135 2819, 2461

e-mail: library@statistics.gr, data.dissem@statistics.gr

In compliance with EU Regulations, the National Legal Framework and the European Statistics Code of Practice, ELSTAT disseminates the national statistics through its website, by respecting scientific independence and in an objective, professional and transparent manner in which all users are treated equitably.

10. Frequency of dissemination

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Yearly.

11. Dissemination format

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11.1 News release

No press release.

11.2 Publications

No publications.

11.3 On-line database

There are not any survey data available on the on-line database

11.3.1 Data tables - consultations

The number of visitors' hits on the website for the survey in 2013 is 274.

11.4 Micro-data access

For confidentiality reasons users have not access to microdata. Microdata are made available to users after their submitting a request to the Division of Statistical Information and Publications/ Section of Dissemination of Statistical Information and after the approval of the Statistical Confidentiality Committee, fully ensuring data confidentiality.

11.5 Other

The database of the survey is available on the portal of ELSTAT at:

http://www.statistics.gr/portal/page/portal/ESYE/PAGE-themes?p_param=A0302

11.5.1 Metadata – consultations

No available data posted on the on-line database.

12. Accessibility of documentation

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12.1 Documentation on methodology

The survey is a census survey and the data are collected by sending electronically the questionnaires to all the steel plants of Greece, including re-rolling plants and electric power stations of the steel industry.

There is no methodological document.

12.1.1 Metadata completeness - rate

Metadata are considered complete (100%).

12.2 Quality documentation

Quality is ensured by ELSTAT by means of logical checks (e.g. comparisons of variables with variables from previous years, etc.) and by the competent agencies that collect primary data.

13. Quality management	Top
13.1 Quality assurance	
<p>Quality is ensured by means of logical checks in terms of the correctness and completeness of the transmitted data by direct contact with the steel plants. Moreover, the questionnaires are checked for coherence, comparisons are made with data from the previous years and finally quality checks are carried out on the tabulated survey results.</p> <p>Finally, quality is ensured through the Quality Policy implemented by ELSTAT, which is available at the following link:</p> <p>http://www.statistics.gr/portal/page/portal/ESYE/BUCKET/General/ELSTAT_Quality_Policy_EN.pdf</p>	
13.2 Quality assessment	
<p>Additional checks are made before the tabulation of the results, such as comparability checks, etc.</p>	

14. Relevance	Top
14.1 User needs	
<p>The basic users of the survey are individual users, enterprises, universities, employers, entrepreneurs, etc.</p>	
14.2 User satisfaction	
<p>A user satisfaction survey is conducted by the Section of Dissemination of Statistical Information and it is available at the following link:</p> <p>http://www.statistics.gr/portal/page/portal/ESYE/PAGE-conferences</p>	
14.3 Completeness	
<p>Completeness is considered satisfactory.</p>	

15. Accuracy and reliability	Top
15.1 Overall accuracy	
<p>The survey is producing high accuracy results, because it is a census survey. By means of analytical checks any errors are identified and are duly corrected.</p>	
15.2 Sampling error	
<p>No sampling errors.</p>	
15.3 Non-sampling error	
<p>No non-sampling errors.</p>	
<u>15.3.1 Coverage error</u>	
<p>Not applicable.</p>	
<u>15.3.1.1 Over-coverage – rate</u>	
<p>Not applicable.</p>	
<u>15.3.1.2 Common units – proportion</u>	

Not applicable.

15.3.2 Measurement error

Not applicable.

15.3.3 Non response error

Not applicable.

15.3.4 Processing error

Not applicable.

15.3.5 Model assumption error

Not applicable.

16. Timeliness and punctuality

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16.1 Timeliness

The final results of the survey are published six months after the end of the reference year.

16.2 Punctuality

There are no delays.

17. Comparability

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17.1 Comparability - geographical

The survey covers Greece total.

There are no problems of geographical comparability.

17.1.1 Assymetry for mirror flows statistics – coefficient

Not applicable.

17.2 Comparability over time

The survey is conducted since 2002 using the same definitions, thus ensuring comparability over time.

18. Coherence

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18.1 Coherence cross-domain

There are no corresponding data from other sources or agencies of the Hellenic Statistical System for this survey.

18.1.1 Coherence – sub annual and annual statistics

Not applicable.

18.1.2 Coherence – National Accounts

There are no corresponding data from National Accounts.

18.2 Coherence - internal

The data are characterized by internal coherence.

19. Cost and burden

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Not estimated.

20. Data revision

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20.1 Revision policy

The revision of data, if necessary, is based on the circular concerning the Revision Policy of ELSTAT, which is available at the following link:

<http://www.statistics.gr/portal/page/portal/ESYE/PAGE-codepractice>

20.2 Revision practice

Not applicable.

21. Statistical processing

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21.1 Source data

The primary data of the survey derive from the survey conducted on the enterprises of the steel and iron industry (steel plants).

21.2 Frequency of data collection

The survey is conducted on a yearly basis.

21.3 Data collection

The data are collected by sending the questionnaires electronically to the enterprises of the iron and steel industry. After having completed the questionnaires, the enterprises return them to the Section of Manufacture, Research and Technology Statistics for processing, checking and tabulation.

21.4 Data validation

The transmitted data are validated after having undergone all the necessary checks (logical checks, comparisons with data from previous years, etc.)

21.5 Data compilation

The data, after having been validated, undergo the necessary logical checks and are tabulated.

21.5.1 Imputation – rate

Not applicable.

21.6 Adjustment

Not applicable.

21.6.1 Seasonal adjustment

Not applicable.

22. Comment

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